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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/902,855	07/12/2001	Wolfgang Eppier	K 182	1667

7590 08/31/2004
KLAUS J. BACH & ASSOCIATES
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EXAMINER
MAI, TAN V

ART UNIT	PAPER NUMBER
2124	

DATE MAILED: 08/31/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	09/902,855	EPPIER ET AL. <i>SL</i>
Examiner	Art Unit	
Tan V Mai	2124	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 12 July 2001.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-4 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1-4 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

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Attachment(s)

1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
 Paper No(s)/Mail Date 7/12/01

4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____
 5) Notice of Informal Patent Application (PTO-152)
 6) Other: _____

1. The disclosure is objected to because of the following informalities:

Page 2, line 18; "WO 95 02801" should be --WO 95 02861--.

Appropriate correction is required.

2. Claims 1-4 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

As per independent claim 1, the claim language is vague and indefinite. The claim recites "first multiplexer device" (lines 3-4); however, there is NO the "second multiplexer device" in the claim? The terms "can never be used" (line 12), "cannot be used" (line 14) and "may overlap" (last line) are indefinite. The phrase "with (m=1) locations" (line 19) seems to be incorrect. The terms "U2c" (line 20) should be define. The phrase "wherein the lower value locations A1f and A2f" (line 23) is not understood. What is the "A2f"? What do the "c" in "Kc" and "Gc" (lines 2-3 from the bottom) means?

As per independent claim 2, the claim language is also vague and indefinite. There is NO hardware corresponding to the recited "further coded control input..." (lines 6-7) and "an output with..." (lines 8-10). The terms "can be numbered" (line 4) and "can be addressed" (line 7) and "likely never set" (line 12) are indefinite. What do the "c" in "Kc" (line 17), "Bc" (line 18), "A2c" (line 21), "SKc" (line 24) and "Gc" (line 25) means? What does the "m" in "ZFm" (line 19) means? What is the relation between "A1f" (line 20) and "A2c" (line 21)?

3. Claims 1-4 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.
4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Cited references are art of interest.
5. The following is an examiner's statement of reasons for allowance: the recorded references do NOT teach or suggest: (1) the "**point being at an undetermined location**" (claim1, line 10) feature as recited in independent claim 1 and (2) the "**having a fixed point at different locations**" (claim 2, line 5) feature as recited in independent claim 2.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tan V. Mai whose telephone number is (703) 305-9761. The examiner can normally be reached on Tue-Fri from 6:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki, can be reached on (703) 305-9662. The fax phone numbers for the organization where this application or proceeding is assigned are:

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After-final (703) 746-7238
Official (703) 746-7239
Non-Official/Draft (703) 746-7240.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Dear

TAN V. MAI
PRIMARY EXAMINER

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